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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration
Submitted
With Initial
Filing**OR**Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

| | |
|------------------------|----------------------|
| Attorney Docket Number | EPA # 679-03 |
| First Named Inventor | Charles L. Gray, Jr. |
| COMPLETE IF KNOWN | |
| Application Number | |
| Filing Date | |
| Art Unit | |
| Examiner Name | |

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

*Low Emission Diesel Combustion System with Low Charge-Air Oxygen
Concentration Levels and High Fuel Injection Pressures*

(Title of the Invention)

the specification of which



is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? Yes | Certified Copy Attached? No |
|-------------------------------------|---------|----------------------------------|--------------------------|------------------------------|-----------------------------|
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION — Utility or Design Patent ApplicationDirect all correspondence to: Customer Number: _____ OR Correspondence address below

Name

David H. Read

Address

2565 Plymouth Road

City

Ann Arbor

State

Michigan

ZIP

48105

Country

USA

Telephone

(734) 214-4367

Fax

(734) 214-4573

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

 A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any])

Charles L.

Family Name
or Surname

Gray, Jr.

Inventor's
Signature

Date

September 18, 2003

Residence: City

Pinckney

State

Michigan

Country

USA

Citizenship

USA

Mailing Address

4323 Cordley Lake Road

City

Pinckney

State

Michigan

ZIP

48169

Country

USA

NAME OF SECOND INVENTOR:

 A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any])

David James

Family Name
or Surname

Haugen

Inventor's
Signature

Date

18 Sept 03

Residence: City

Ann Arbor

State

Michigan

Country

USA

Citizenship

USA

Mailing Address

5855 East Horizons Drive

City

Ann Arbor

State

Michigan

ZIP

48108

Country

USA

Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

| | |
|-------------------------------|---------------------------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Charles L. Gray, Jr. |
| Title | Low Emission Diesel Combustion System |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | EPA 679-03 |

with Low
Charge-Air
Oxygen Concen-
tration Levels
and High Fuel
Injection Pressures

I hereby appoint:

Practitioners at Customer Number:

OR

Practitioner(s) named below:

| Name | Registration Number |
|-----------------|---------------------|
| David H. Read | 47,888 |
| Alan M. Ehrlich | 37,999 |
| Laura Scalise | 45,778 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith..

Please recognize or change the correspondence address for the above-identified application to:

The above-mentioned Customer Number:

OR

The address associated with Customer Number:

OR

Firm or Individual Name

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

| | | | |
|-----------|----------------------|-----------|----------------|
| Name | Charles L. Gray, Jr. | | |
| Signature | Charles L. Gray, Jr. | | |
| Date | Sept. 18, 2003 | Telephone | (734) 214-4404 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO : Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Application Number | |
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| First Named Inventor | Charles L. Gray, Jr. |
| Title | Low Emission Diesel Combustion System with Low Charge-Air Oxygen Concentration Levels and High Fuel Injection Pressures |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | EPA 679-03 |

I hereby appoint:

 Practitioners at Customer Number:

OR

 Practitioner(s) named below:

| Name | Registration Number |
|-----------------|---------------------|
| David H. Read | 47,888 |
| Alan M. Ehrlich | 37,999 |
| Laura Scalise | 45,778 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number:

OR

 The address associated with Customer Number:

OR

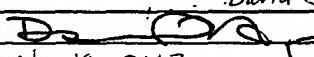
| | | | |
|--|-------|-----|--|
| <input type="checkbox"/> Firm or Individual Name | | | |
| Address | | | |
| Address | | | |
| City | State | Zip | |
| Country | | | |
| Telephone | Fax | | |

I am the:



Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

| | |
|-----------|---|
| Name | David James Haugen |
| Signature |  |
| Date | Sept. 18, 2003 |
| | Telephone (734) 214-4404 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

*Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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